R-1 MULTI•TRACK RECORDER

R-1 Transfer Station Operation Manual

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Introduction

The R-1 Transfer Station archives R-1 recordings in the non-proprietary AES 31 format. The recordings can then be used in any AES 31-compliant recorder, stored on a server, and backed up like other types of critical data.

The Transfer Station has many of the same features found in the R-1, such as editing and moving audio clips, but does not play or record audio. Review the following pages in the *R-1 Operation Manual* to learn about file management, editing, and features of the R-1 that are present in the Transfer Station:

13–14, 31–36, 48–66, 121–156, 168–192, 227–237, and 244–249

Review chapters 2–5 in the *R-1 3.0 Addendum*.

CAUTION: *The Transfer Station software cannot be installed on the same computer that runs the R-1 software. Do not install the Transfer Station software on an R-1 Pilot PC. The Transfer Station software runs only on the Windows 2000 operating system.*

New Features

The Transfer Station can convert any Sheet from an R-1 Title to an AES Edit Decision List (EDL), named with an .adl suffix, and an AES 31 Broadcast Wave File (BWF), named with a .wav suffix. The process can also be reversed: AES 31 content can be converted back into an R-1 Title or Sheet for playback and editing on an R-1.

NOTE: *The R-1 title does not get converted to an AES 31 Title in the Export process, but that a Sheet from an R-1 Title becomes an AES 31 Title.*

Setting Default Export and Import Folders

Before Exporting from or Importing into the Transfer Station, set up the Default Folders Location. This is the location the Transfer Station uses to access exported titles and place imported titles. These settings are found in the AES31 import and export dialogs.

Export to AES 31

To export a Sheet as an AES 31 EDL:

1. Right-click on the Track name in the Navigation Bar and select **Export to AES 31**.

   The Export dialog appears.

2. Select the desired Export options:

   Export Title file only (when selected, the next two options are inactive)

   Export R-1 Title (Puts a version of the R-1 title file with the ADL file and Audio files for later use on an R-1)

   Overwrite existing audio files

   Export all audio files in Title's library

   Export all tracks (toggles with next option)

   Export selected tracks (toggles with previous option)

   Set export path (sets default export folder)

   Browse (specify a folder other than default export folder)

   File name (change exported file name)

3. Click **Export**.

Tips for Export Operation

When exporting titles with multiple sheets, all audio associated with the entire title can be exported with the first Sheet. This allows the R-1 to be left unattended while you do other tasks. When exporting the first title, select the **Export all audio files in Title's library** option.

When all audio has exported, export all other sheets belonging to that title. It is a good idea to leave the **Export all audio files in Title's library** option selected when exporting the other sheets, just in case material from one of the other sheets belongs to a different library. You should also make sure that each sheet is exported to the same Windows folder to avoid duplicate copies of the material. In this case, do not select the **Overwrite existing audio files** so each time you export a sheet belonging to the same Library, you would not export audio previously exported.

AES Title Import

To Import an AES 31 Title into the R-1:

1. Left-click on the Track name in the Navigation Bar and select **Import AES 31**.

   The Import dialog appears.

2. Configure the Import options:

   Import Audio Files (Allows or disallows import of associated audio. If the audio does not exist on the target drives where you are importing your title, select this option.)

   Overwrite existing audio file content (overwrites audio with same Global Unique ID (GUID) on Transfer Station disks)

   Import new audio files to library

   Use same name as R-1 Title (puts audio that does not exist on R-1 disks into same library as Title file)

   Use another name (create a separate folder to store the audio)

   Import R-1 Title (copies the R-1 Title previously exported with the AES files back onto the R-1)

   Set export path (sets default import folder)

   Browse (specify a folder other than default import folder)

3. Click the **Browse** button to navigate to and select the .adl file to Import.

4. Click **Import**.

   The AES file is imported with its audio to the R-1 format.

Audio in a Windows folder not associated with the adl file you are importing will not be imported to the R-1. When importing adl files to an R-1, the system will only import audio that is expected to be associated with the adl title. To import audio to the R-1 that is *not* associated with an adl or R-1 title, see section 3.2 on page 26 in the *R-1 3.0 Addendum*.

AES Title Import as Sheet

Left-click on the Sheet in the Navigation Bar and select **Import AES Title**. Follow the same instructions as Import AES Title but a new Sheet is created within the current Title instead of a new Title.

This feature could be used to put all takes of a particular song into the same R-1 Title, or merge all songs of an album into the same Title.

Import R-1 Title

When Importing an R-1 Title, be careful that the Title is not already present in the Transfer Station; this could overwrite the first Title. Each R-1 Title is identified within the R-1 and Transfer Station by a Globally Unique ID (GUID). The systems each track and manage the Title's versions as it is changed using the GUID. The system does not, however, discriminate between multiple copies of an R-1 Title made outside of the system. This requires great care as you manage Title files outside the R-1 or Transfer Station applications.

To import an R-1 title:

1. Left-click on the Track name in the Navigation Bar and select **Import AES 31**.

   The Import dialog appears.
2. Click the **Browse** button.
3. In the lower portion of the Browse dialog you will see a drop-down menu named **Files of Type**. Open it and select **R-1 Titles (.ttl)**.
4. Navigate to and select the folder where the file to import resides.
5. Select your R-1 .ttl file.
6. Click **Import**.

Track Views

The Transfer Station has several new track viewing options that are not found in the R-1. The number of tracks viewed can be 2, 4, 8, 12, 24, and 48, which can be set in the Zoom dialog or in the Deck settings on the Navigation Bar.

Several hot keys permit quick zoom operations:

- f7 = Zoom In
- f8 = Zoom Out
- f9 = Fewer Channels
- f10 = More Channels

Features exclusive to the Deck are available by right-clicking on the **Deck** button.

R1 Tape Backup/Restore (Version 2.0 only)

The backup and restore features on the Transfer Station work like an R-1 except for the following differences:

- Only one Exabyte drive can be connected.
- When backing up or restoring the entire system, the Transfer Station begins to backup or restore from Deck 1 and moves up to Deck 4.
- The Transfer Station can backup and restore all decks from one tape if the tape is large enough to contain all the data.
- Multiple tapes cannot be used during one backup process. Backup and restore processes cannot be canceled during their operation.

Features Changed from the R-1

Audio Browser, Media and Libraries, and Titles Browser

The Audio Browser and Titles Browser in the Transfer Station are now where the Meters are located on an R-1. Tab between the Audio Browser and Titles Browser using the Media/Browser button in the left side of the Navigation Bar.

Changing Drives and Drive Bay Positions

You cannot unload a drive and change hard drives while the Pilot PC is on. To change drives shut down both the application and PC, change the drives, and then restart the computer and application.

The drive positions in the nine-bay Kingston chassis equate to R-1 drive bays as follows:

Deck 1: drives 1 and 2 = Kingston 1 and a

Deck 2: drives 1 and 2 = Kingston 2 and b

Deck 3: drives 1 and 2 = Kingston 3 and c

Deck 4: drives 1 and 2 = Kingston 4 and d

Settings Saved in the .adl File

The following R-1 Title settings are saved when exporting to the AES 31 .adl file:

Track names, audio clips, audio file timecode and track positions, the disk the file originated from, sample rate, bit rate, default cross fade length, Sheet name, and exported audio file names.

Settings Saved in the Broadcast Wave File

The following settings are saved when exporting to the Broadcast Wave File:

File name, timecode position, sample rate, bit rate.

Features Present in the R-1 but not in the Transfer Station

Rollback, Jog, Input mapping, All audible features (i.e., Play, record etc.), All Safe, Track Status /input /Repro, Track Memories, Meters, Varispeed, Machine Control, and Slaving.